

# PATENT ABSTRACTS OF JAPAN

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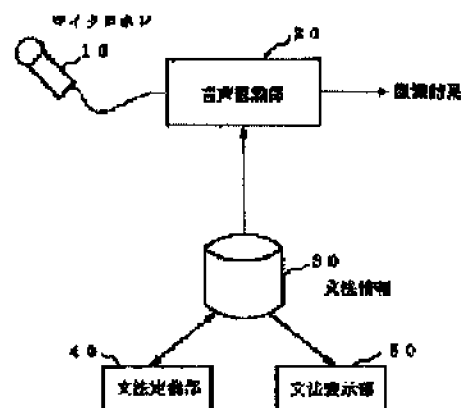
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## (54) CONSECUTIVE WORD VOICE RECOGNIZING DEVICE

### (57)Abstract:

**PURPOSE:** To enable even a non-expert to visually grasp the grammar and define and change the grammar by displaying the grammar while expanding it into a table form in which numbers of strings and numbers of words of word strings are respectively taken as dimensions and defining and editing a specified word.

**CONSTITUTION:** A voice recognizing part 20 recognizes a voice inputted from a microphone 10 by utilizing grammar information including word connection information and individual pieces of information of words and outputs its result. In this case, a grammar defining part 40 provides a user interface having a two dimensional table form in which numbers of strings recognizing strings among word strings are taken as a first dimension and numbers of words recognizing words in respective strings of word strings are taken as a second dimension to define the grammar information 30 of a sentence acceptable in this device and defines a word to a position specified with the row number and the column number of the table. Then, a sentence made by selecting words one word by one word from respective columns and by connecting them in order of a column arrangement becomes an acceptable sentence. The grammar can be visually grasped and it is easily defined and changed by adopting the table in such a manner.



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